

FIG. 1

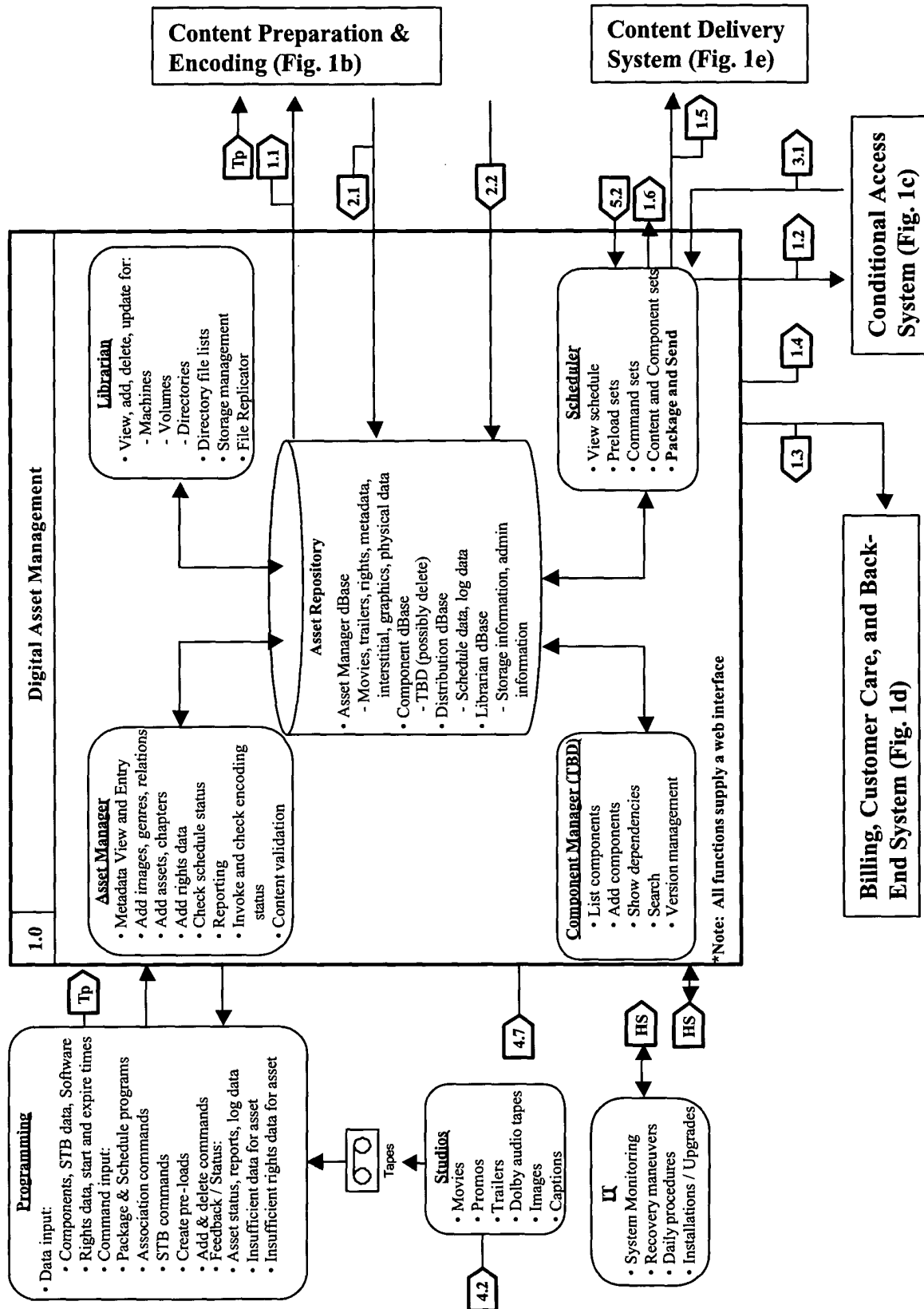


FIG. 1a

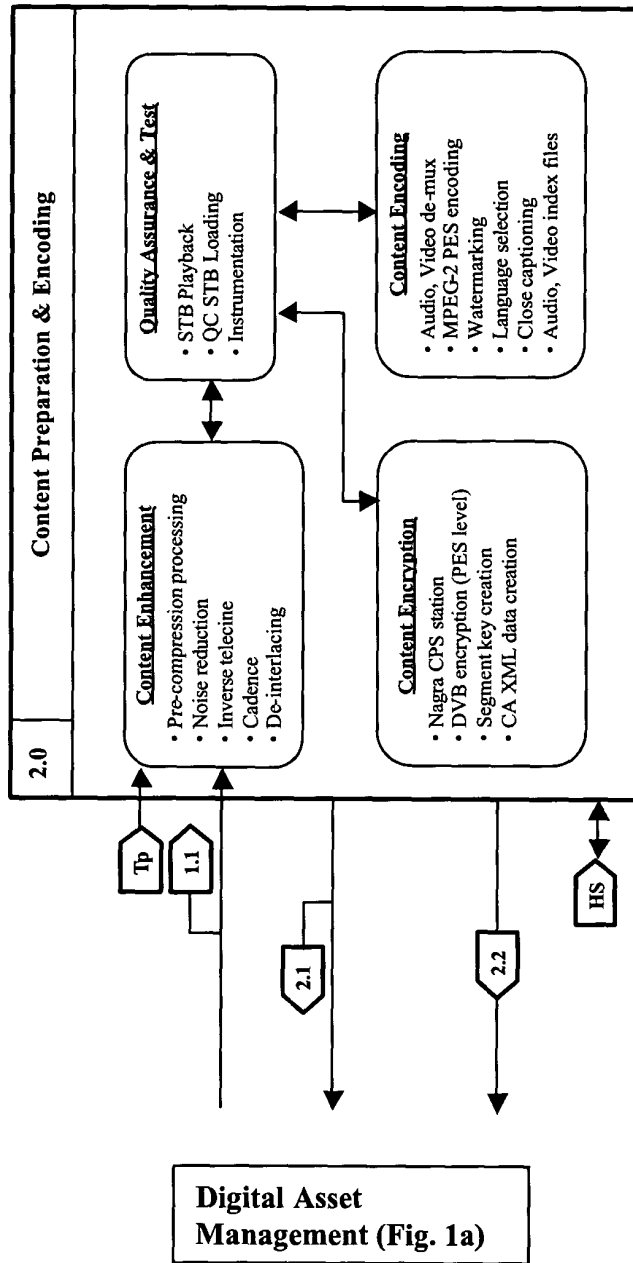


FIG. 1b

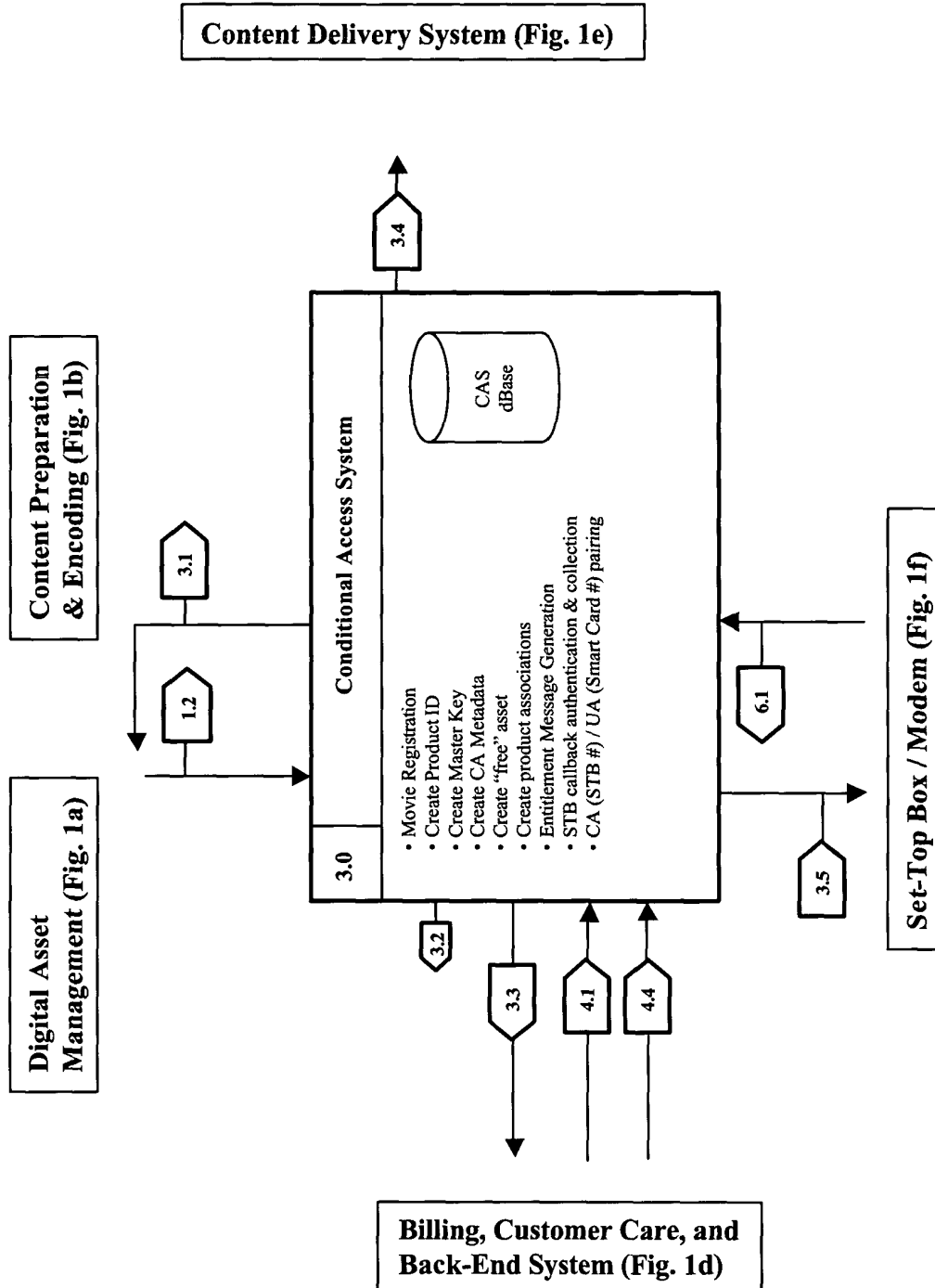


FIG. 1c

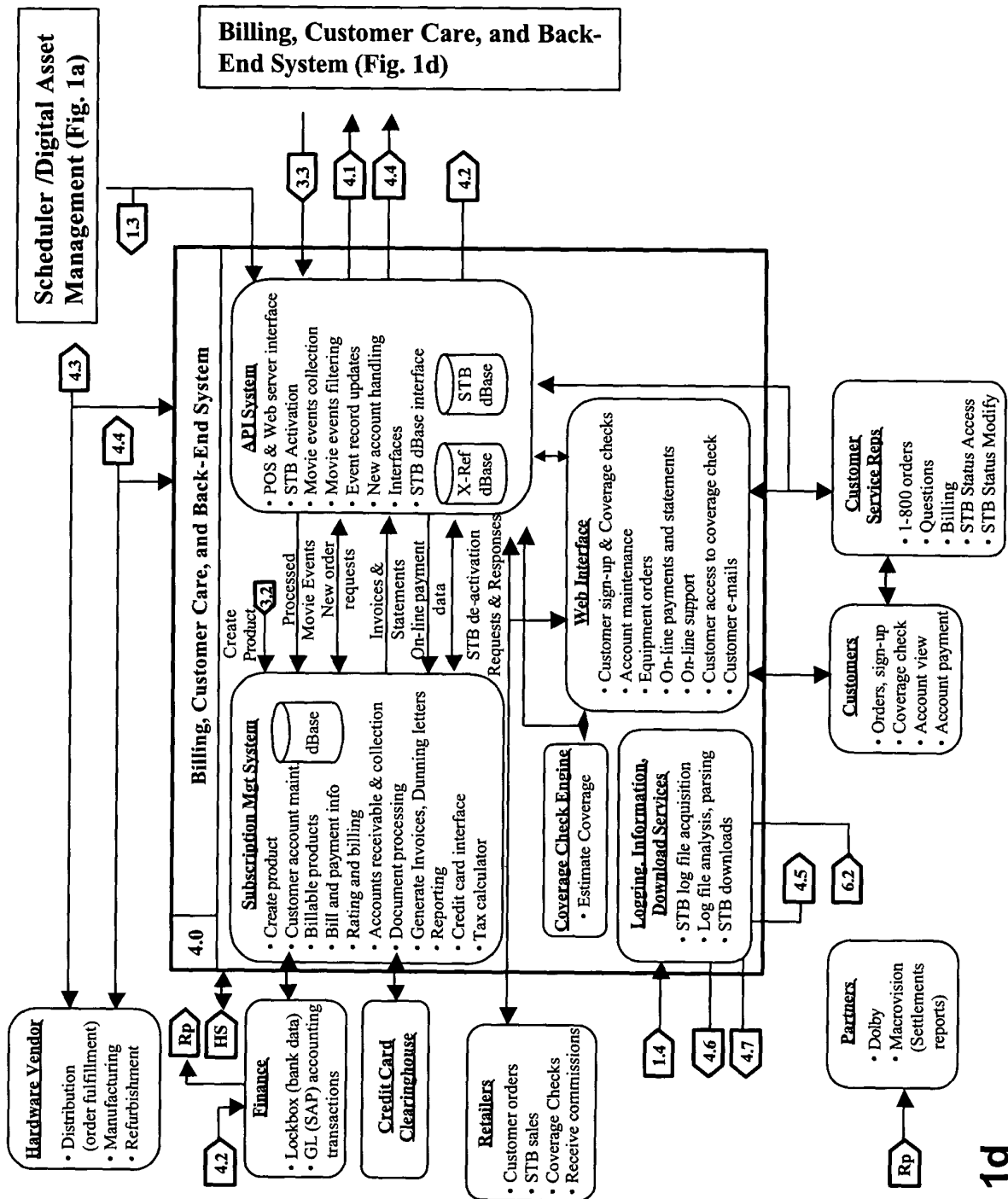


FIG. 1d

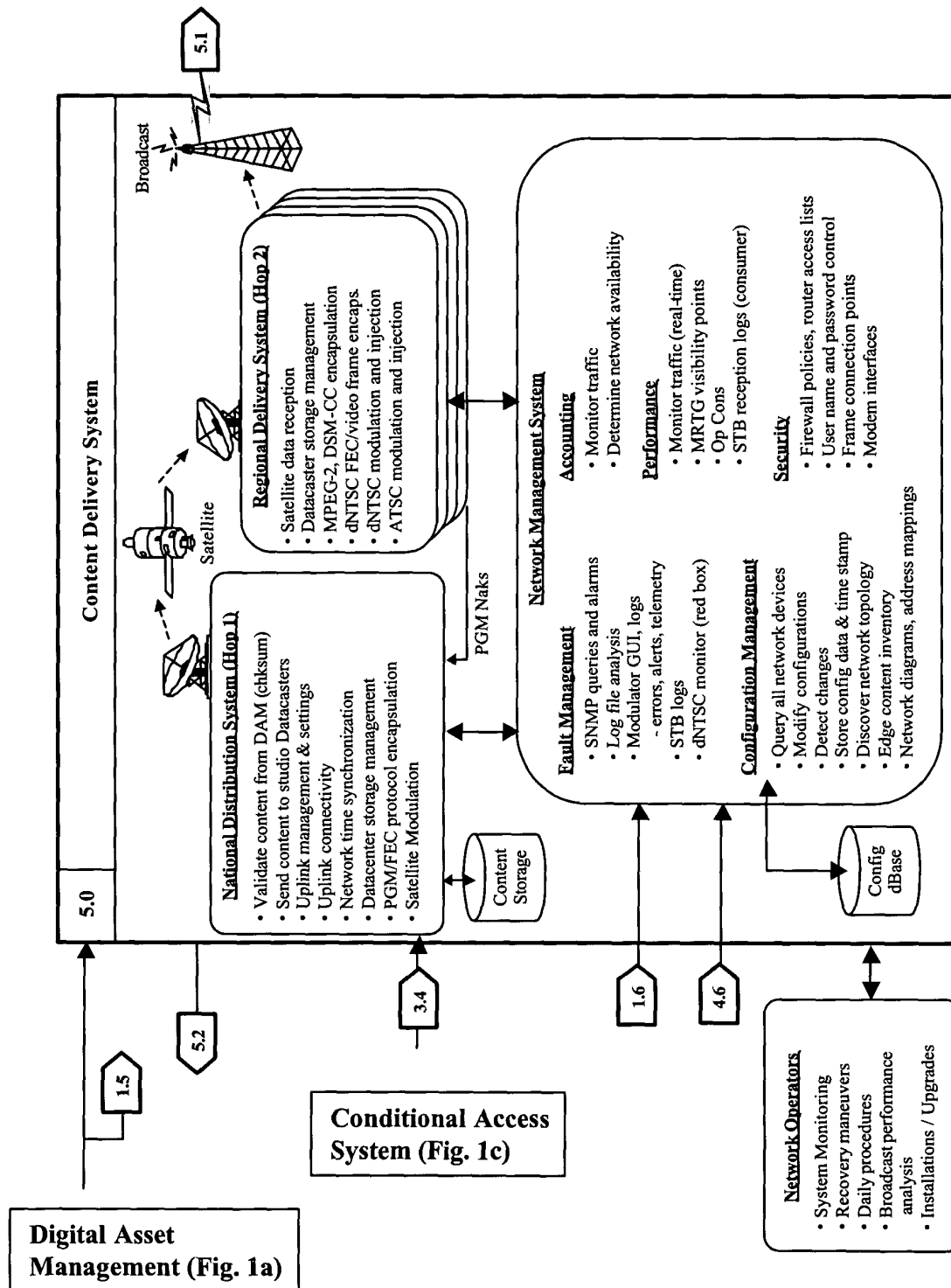


FIG. 1e

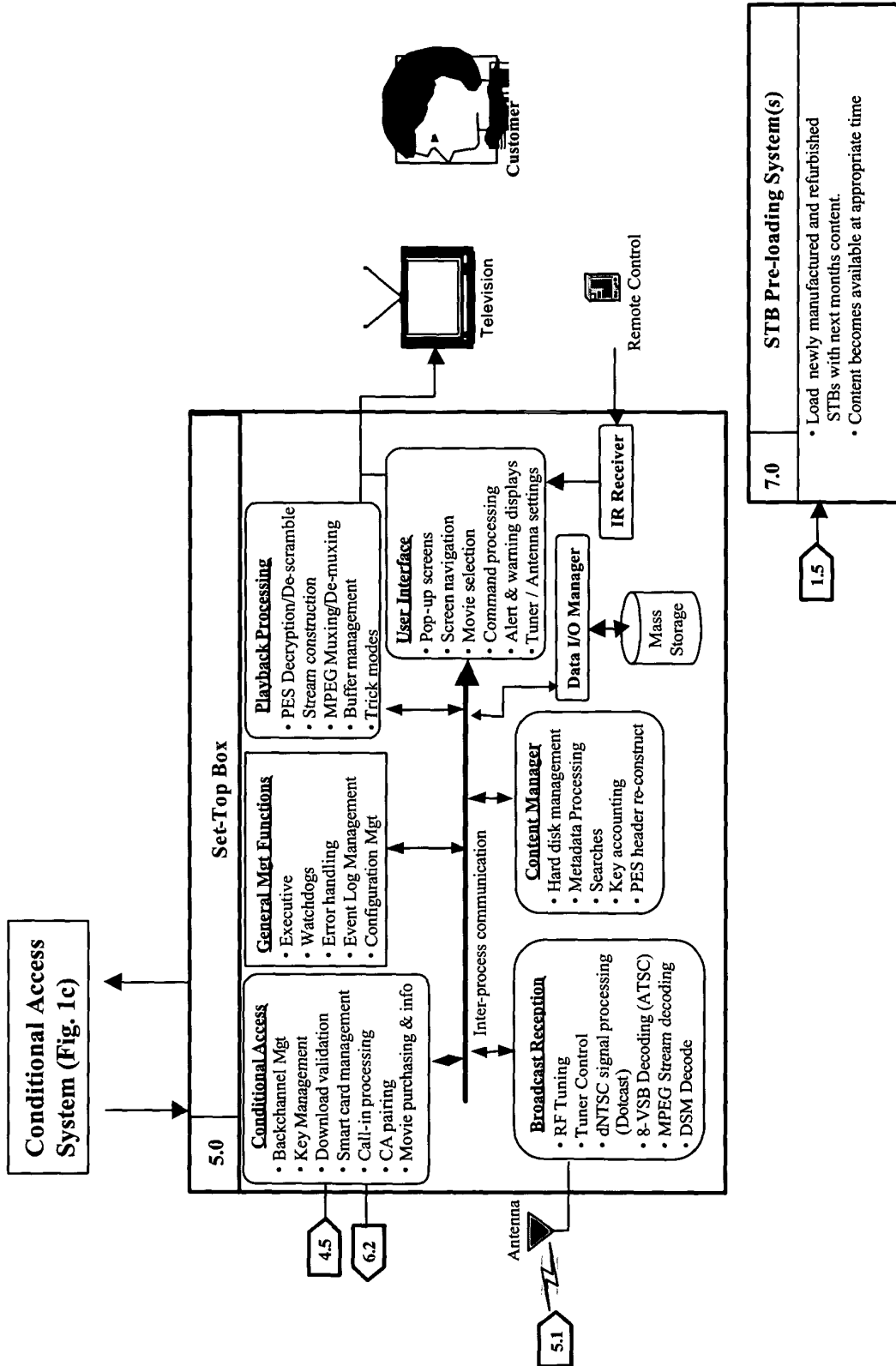


FIG. 1f

Signal List

- | | |
|--|--|
| <p>1.1 Content, Interstitials, Graphics, Metadata, Rights data, Trailers, Chapter frame offsets
Start encoding commands</p> <p>1.2 Create product command, rights data, update cmd, CA Metadata request, Associate request (ID + CA XML), Make "free" request, Encrypted segment keys, Create digital signature</p> <p>1.3 Movie Data Exports (MDI to SMS to populate cross-reference table) Movie ID, Price, Name, Genre, Rating, Studio ID, Macrovision indicator, Dolby indicator, Prod ID</p> <p>1.4 Active Movie Exports (to Info Server)</p> <p>1.5 Packaged Content
Distribute Commands
Schedule Commands
Pre-load Content</p> <p>1.6 Schedule for week N (per pgm)
Content for week N (per pgm)</p> <p>2.1 Encoded and Encrypted Assets, Index Files, CA XML File(s)</p> <p>2.2 Encoding Status / Progress, Asset Readiness</p> <p>TP Tapes, JPEGs</p> <p>3.1 Product ID, status, CA Metadata, Digital signature(s) for content</p> <p>3.2 Create product</p> <p>3.3 Unfiltered STB events and logs, SMS messages, activate STB in dBase, Validate CA pairs, STB phone number</p> <p>3.4 CAS EMM Stream</p> <p>3.5 Master keys</p> | <p>4.1 New account information
Activate customer account
SMS GW cmds and messages
Account de-activate command
Account suspend command
Account restore command
Smart card commands (credit amounts & thresholds)</p> <p>4.2 Settlements and Fee Reports</p> <p>4.3 Order requests and acknowledges
Order number and data
Shipping tracking number & date</p> <p>4.4 CA numbers
Availability dates
Manufacturing numbers
STB status and search</p> <p>4.5 File downloads to STB
Software downloads
Active Movie downloads
STB specific downloads: channel, Time, timezone, chn offset</p> <p>4.6 STB reception statistics and performance</p> <p>4.7 Log data output to DAM</p> <p>5.1 Broadcast data:
- Announcements
- Content
- EMM stream
- STB commands</p> <p>5.2 Network Delivery Reports
- Content on Datacasters
- Content missing from Datacasters
- Confirmed broadcasts out Datacasters
- Number of carousels for content
- Scheduled outages
- Unscheduled outages</p> <p>6.1 Initial STB call-ins, activation Request, events, log data</p> <p>6.2 STB logging data</p> <p>HS Health and status</p> <p>Rp Settlements and Reports</p> |
|--|--|

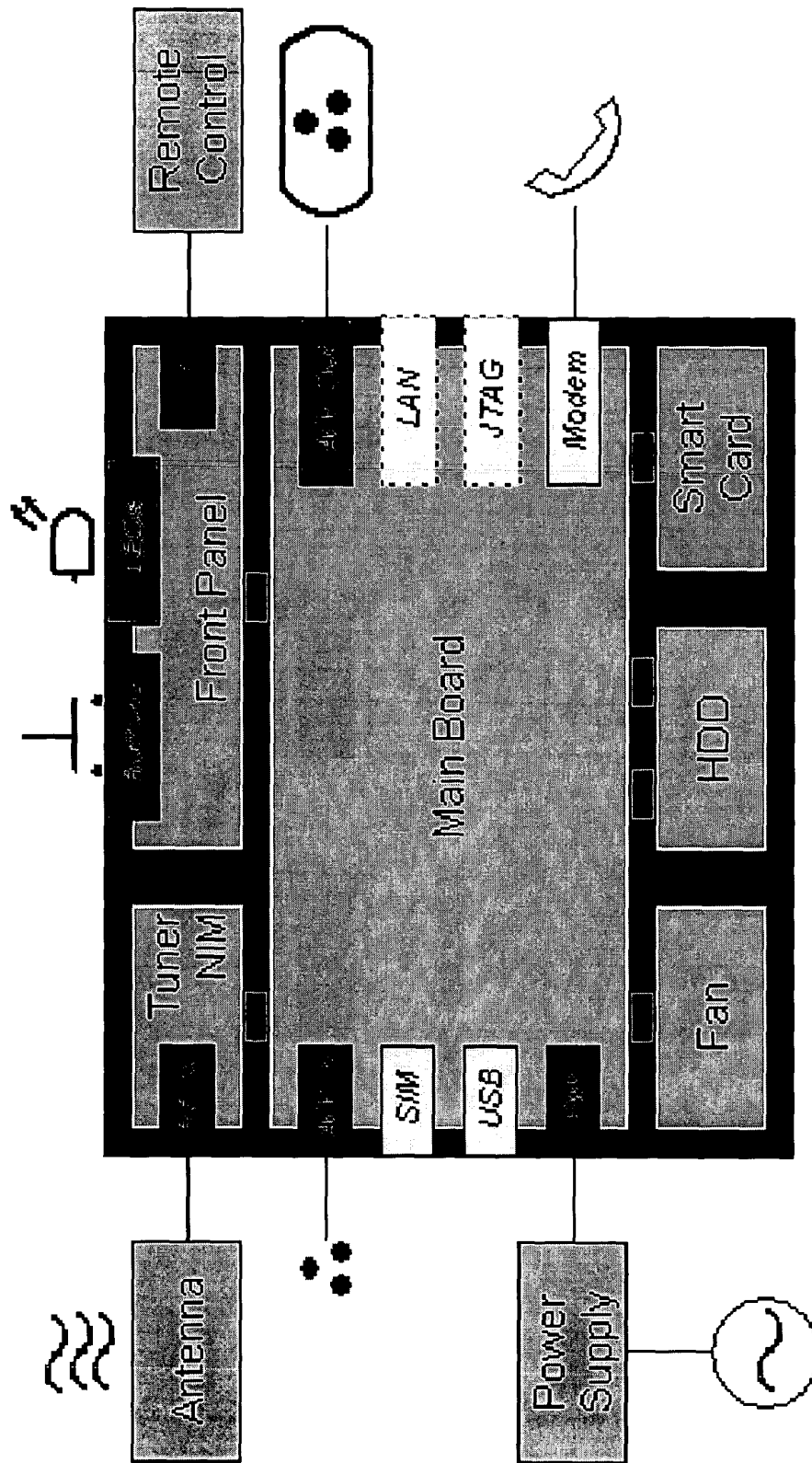


FIG. 2

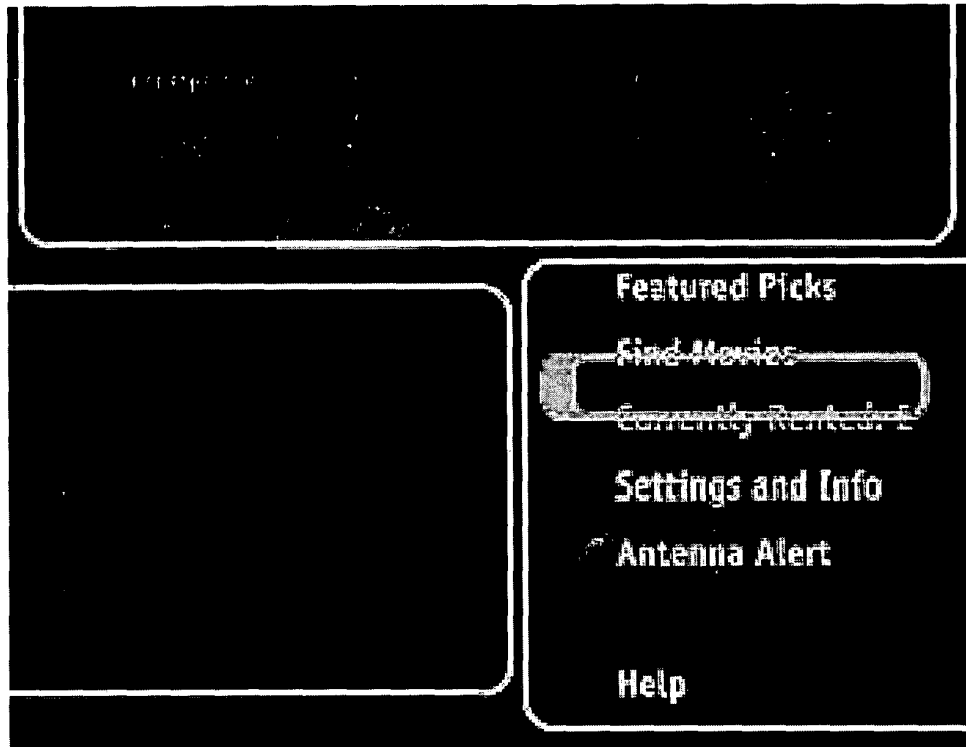


FIG. 3

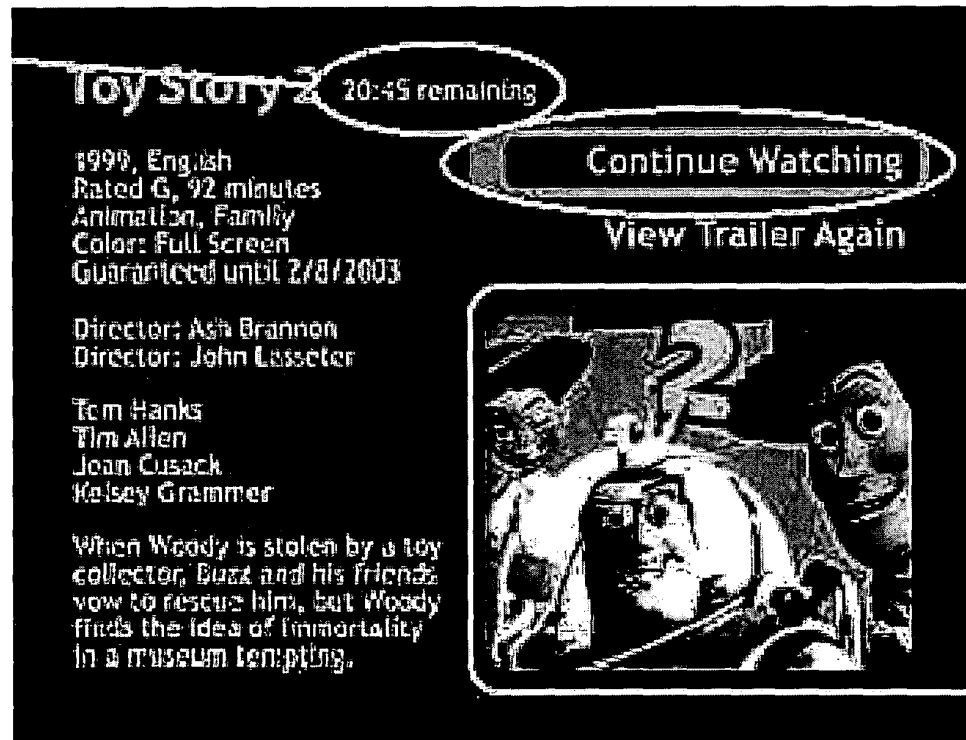


FIG. 4

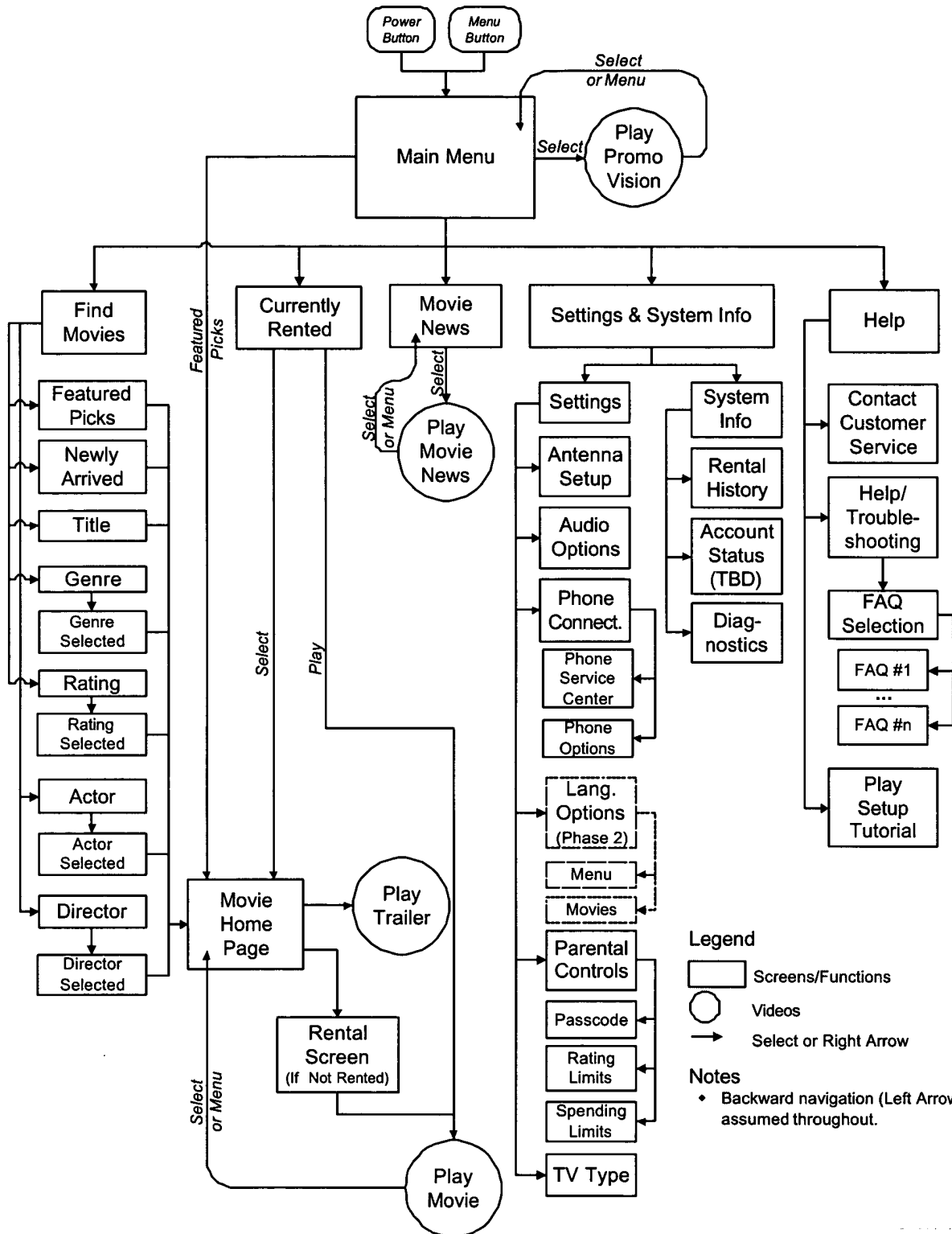


FIG. 5